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AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims.

photoresist film when using an immersion exposure device which is irradiated through water provided between a lens and the photoresist film, and the composition comprising a resin forming

(Currently Amended) An immersion upper layer film composition applied to coat on a

provided outside and the photocolor man, and the composition comprising a recurrence

a water-stable film during irradiation and being dissolved in a subsequent developer, and a solvent containing a monovalent alcohol having 6 or less carbon atoms, and the resin includes a <u>recurring</u>

repeating-unit having an alcoholic hydroxyl group on a side chain containing a fluoroalkyl group

on at least the carbon atom of the α -position.

2. (Canceled)

3. (Canceled)

4. (Previously Presented) An immersion upper layer film composition for being applied to

coat on a photoresist film when using an immersion exposure device which is irradiated through

water provided between a lens and the photoresist film, and the composition comprising a resin

forming a water-stable film during irradiation and being dissolved in a subsequent developer, and

a solvent containing a monovalent alcohol having 6 or less carbon atoms and not causing

intermixing with the photoresist film, wherein the resin comprises a recurring unit having a

fluorine atom-containing group on the side chain, wherein the recurring unit having a fluorine

atom-containing group on the side chain is the recurring unit having an alcoholic hydroxyl group

on the side chain containing the fluoroalkyl group on at least the carbon atom of α -position.

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5. (Currently Amended) The immersion upper layer film composition according to claim 1[[3]], wherein the recurring unit having an alcoholic hydroxyl group on the side chain containing the fluoroalkyl group on at least the carbon atom of α -position comprises a recurring unit of the following formula (1),

$$CH_{2}-C$$

$$C=0$$

$$R^{2}$$

$$F_{3}C-C$$

$$OH$$

$$CF_{3}$$

$$(1)$$

wherein R¹ represents a hydrogen atom or a methyl group, and R² represents an organic group.

- 6. (Original) The immersion upper layer film composition according to claim 5, wherein the organic group is a divalent hydrocarbon group.
- 7. (Previously Presented) The immersion upper layer film composition according to claim 6, wherein the divalent hydrocarbon group consists of an alkylene group having 1 to 4 carbon atoms and an alicyclic hydrocarbon group, the alkylene group being located between the alicyclic hydrocarbon group and a bistrifluoromethyl—hydroxy-methyl group.

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8. (Original) The immersion upper layer film composition according to claim 6, wherein the divalent hydrocarbon group is a hydrocarbon group having a 2,5-norbornylene group, or a

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1,2-propylene group.

9. (Previously Presented) The immersion upper layer film composition according to claim

1, wherein the resin is an alkali-soluble resin dissolved in an alkaline aqueous solution during

development using the alkaline aqueous solution.

10. (Canceled)

11. (Canceled)

12. (Original) The immersion upper layer film composition according to claim 1, wherein

the solvent containing a monovalent alcohol having 6 or less carbon atoms is a solvent containing

at least 65 wt% or more of the monovalent alcohol having 6 or less carbon atoms.

13. (Original) The immersion upper layer film composition according to claim 12, wherein

the monovalent alcohol having 6 or less carbon atoms is at least one monovalent alcohol selected

from 2-propanol, 1-butanol, 2-butanol, 2-methyl-2-propanol, 3- methyl-2-pentanol and 4-methyl-

2-pentanol.

14. (Original) A method to form a photoresist pattern comprising the steps of; forming a

photoresist film by applying the photoresist on a substrate, forming an upper layer film on the

photoresist film, and forming a resist pattern by exposure with radiation through a predetermined

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mask pattern with water and development, wherein the process of forming the upper layer film is the process by using the immersion upper layer film composition according to claim 1.